

Claims

- [c1] 1. An hydraulic arrangement for operating a load body on a truck, the load body being connected to a frame of the vehicle by way of at least one articulated joint that enables tipping of the load body between a lowered transport position and a raised tipping position, said hydraulic arrangement comprising:
an hydraulic cylinder assembly having at least two parallel, and in opposite direction working piston cylinders that are hydraulically and mechanically coupled to one another.
- [c2] 2. The hydraulic arrangement as recited in claim 1, wherein the hydraulic cylinder assembly further comprises three piston cylinders including two primary piston cylinders work in the same direction and a secondary piston cylinder located in the same plane between said two primary piston cylinders.
- [c3] 3. The hydraulic arrangement as recited in claim 2, wherein piston rods of the two primary piston cylinders are configured to be directly connectable to the vehicle frame and a piston rod of the secondary piston cylinder is configured to be directly connectable to the load body.

- [c4] 4. The hydraulic arrangement as recited in claim 1, wherein the piston rod of the secondary piston cylinder is configured to be directly connectable to the load body by a mounting.
- [c5] 5. The hydraulic arrangement as recited in claim 4, wherein the mounting is operated by a piston cylinder.
- [c6] 6. The hydraulic arrangement as recited in claim 1, wherein each of the piston cylinders of the hydraulic cylinder assembly are coupled in parallel with one another.
- [c7] 7. The hydraulic arrangement as recited in claim 3, wherein each of the piston rods of the primary piston cylinders is provided with a first internal passage to a compression chamber in the respective piston cylinder and a second internal passage to an expansion chamber in the respective piston cylinder.
- [c8] 8. A truck having an hydraulic arrangement for handling a load body located on the vehicle, the load body being connected to a frame of the vehicle by way of at least one articulated joint that enables tipping of the load body between a lowered transport position and a raised tipping position, said hydraulic arrangement comprising: an hydraulic cylinder assembly having at least two paral-

lel, and in opposite direction working piston cylinders that are hydraulically and mechanically coupled to one another.